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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/715,010

11/17/2003

David S. Benco

LUTZ 2 00251

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7590

10/05/2005

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EXAMINER

WIN, AUNG T

ART UNIT

PAPER NUMBER

2645

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/715,010		BENCO ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Aung T. Win		2645	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 April 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Qua et al. (US Patent Number: US006222909B1) in view of Bartfeld et al. (US Publication Number: US 20030086432A1).

Regarding Claim 1, Qua discloses a method for supporting a network-based audio note-taking feature (reads on network-based voice memo feature) [Summary] [Figure 1] for wired and wireless terminal user devices in telecommunication network [Column 2, Line 49- Column 3, Line 7]. Qua's method comprises:

Recording a specific conversation during a conversation between users [Column 1, Line 40-49] [Column 3, Line 22-39] [Column 4, Line 29-39] or retrieving a recorded conversation i.e., retrieving recorded notes during the current call [Column 6, Line 39-44] (Recording or retrieving step reads on maintaining step).

One skilled in the telecommunications art would realize that the voice call in Qua's method have a forward link and reverse link in which reverse link being a link from a

mobile station to a base station since the method is operative to the telecommunication network as depicted in Figure 1.

Qua teaches monitoring and detecting control signals (i.e., record signal and terminate signals) generated by mobile stations on reverse links (see reverse link as stated above) (Also See [Column 3, Line 22-26] [Column 5, Line 28-31] [Column 6, Line 59-Column 7, Line 30] for generating control signals by users for recording audio notes and retrieving recorded audio notes i.e., initiating recording sequence (pressing start button) or terminating recording sequence (pressing stop button) or retrieving recorded audio notes sequence. (Generating a start sequence reads on a first code and generating a stop sequence reads on a second code).

Although Qua's method store the recorded voice data in network based storage 180, Qua fails to teach the opening a connection step between the mobile station and a voice messaging system based on the first code then record to store voice data in a voice mailbox based on the first code. Instead, Qua's method teaches a recording step to store the recorded voice data in Network Storage 180 Storage 180 [Figure 1] [Column 3, Line 59-66] based on a first code and further discloses a distribution step option in which recorded voice data stored in Network to be forwarded to a voice mail server [Step 310, Step 320, Step 322 and Step 324 in Column 5, Line 48-Column 6, Line 4] using voice mail addresses (reads on identification of voice mail boxes) based on a distribution code.

Bartfeld teaches a telephone call management system and method in which a telephone conversation can be recorded in the voice mail server 90 [Figure 1, 2 & 3] [Step 870 in Figure 7] [Column 5, Paragraph 0044] based on record command [Paragraph 0044, Line 9-10]. Bartfeld's system and method also teaches the storing of voice data in other recording devices for extreme flexibility [Column 5, Paragraph 0045, Line 9-13].

Therefore, it would have been obvious to one of ordinary skill in the art to modify the Qua's voice recording and storing method with Bartfeld's method to record a voice data using voice messaging system based on a first code by efficiently removing network storage and utilizing existing voice messaging system to store recorded data. One of ordinary skill in the art would have been motivated to do this to reduce the processing step and to implement cost-effective system by reducing the hardware expenditures.

Claim 6 is an apparatus claim rejected for the same reasons as stated above in Claim 1 rejections because claim means read on corresponding method steps rejected in Claim 1. Modified Qua's system for network-based voice memo would have corresponding means for executing the claims' step recited in Claim 1 rejection.

Claim 11 is rejected for the same reasons as stated above in claim 1 rejection because Claim means substantially read on corresponding method steps rejected in Claim 1. Modified Qua's system has a voice messaging system 170 [Figure 1 of Qua].

One skilled in the telecommunications art would also realize that there would be a switching component implemented and operative to maintain a voice call in the modified Qua's system in order to provide the network-based voice memo feature. Qua clearly teaches the requirements and implementation of switches necessary to perform such network features in the telecommunication network [Qua reference: Column 2, Line 55-60 & Column 3, Line 8-21] [Also see Bartfeld reference: Telephony switch 25 in Figure 1-3 & Column 3, Paragraph 0029, Line 7-20]. Modified Qua's system comprises a control module [See Qua reference: Column 3, Line 8-26] i.e., a controller implemented in note taking mechanism 129 reads on a control module.

Regarding Claims 2, 7 & 12, note taking mechanism 129 verify if the user has enabled a private mode function (reads on validating the mobile station) [See Qua reference: Column 4, Line 60-62].

Regarding Claims 3, 4, 8, 9, 13 & 14, modified Qua's system identification step to identify the stored information in order to retrieve the stored information correctly from stored voice mail addresses i.e., voice mail box [See Qua reference: Column 3, Line 65; Column 5, Line 18-41 & Column 6, Line 33-35]. One skilled in the telecommunication arts also would realize that stored recorded voice data would have been identified and store in a voice mailbox in order to retrieve the targeted message in modified Qua's system. Moreover, Identifying the voice message for storing in a voice mailbox and for

retrieving the identified voice message is well known to one of skilled in the telecommunication arts.

Regarding Claims 5, 10 & 15, modified Qua's system would have connected the mobile station and the voice messaging system through the voice memo control module i.e., the controller implemented in note taking mechanism [See the claim 11 rejection] and a voice handler i.e., the audio recording processors implemented in note taking mechanism in order to record the conversation i.e., voice memo (a first path reads on the communication path from a mobile station to the controller of note taking mechanism for the controller to receive the control signals i.e., first code and second code) and (a second path reads on the communication path between the controller of note taking mechanism and the corresponding processors).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Beith et al.	US Publication Number:	US 20030235275A1
Moore et al.	US Publication Number:	US 20040132432A1
Silberfenig et al.	US Publication Number:	US20010041590A1
Schuster et al.	US Patent Number:	US006795429B1
Sahasrabudhe	US Publication Number:	US 20030210768A1

Art Unit: 2645

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aung T. Win whose telephone number is (571) 272-7549. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Aung T. Win  
Group Art Unit 2645  
September 26, 2005

**OVIDIO ESCALANTE**  
**PATENT EXAMINER**

